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15-CT-5344
PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jiang Hsieh : Art Unit: 2623
Serial No.: 09/557,108 : Examiner: Chong R. Kim
Filed: April 24, 2000 :
For: METHODS AND APPARATUS :
FOR HELICAL :
RECONSTRUCTION FOR :
MULTISLICE CT SCAN :

AMENDMENT

Box: Non-Fee Amendment
Hon. Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 14, 2003, please amend the above-identified patent application as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning on page 8, line 2, and ending on page 8, line 7, with the following replacement paragraph.

In this notation, x_1 , x_2 , and x_3 are x-axis coordinates of locations of measured signals, and x is the location of the signal to be estimated. The weights used in linear interpolation are calculated based on a relative distance of the two points to the interpolation location. Combined weights for points x_1 , x_2 , and x_3 (denoted by q_1 , q_2 , and q_3 , respectively) are written as: